On Thursday the 2\textsuperscript{nd} November 2023 21 attendees from the SDT and IFST visited the facilities at NMIS in Glasgow. Attendees were welcomed and introduced to both the SDT and IFST by Chris Hay and Rachel Mirfattahi.

The reason for the creation of NMIS, in conjunction with Strathclyde University, was presented by David Wilson (Business development lead). This 11,500m\textsuperscript{2} operationally carbon neutral campus next to Glasgow Airport is aimed to support manufacturing, engineering and associated technology businesses of all sizes. Innovative R\&D helps businesses to become more productive, permitting emerging markets to be tapped into and new technologies embraced reaching net-zero targets. NMIS, created by Government leveling up scheme is one of nine manufacturing excellence centres across the UK supporting business with new technology and applied data science.

This was followed by Alistair Williams (Food and Drink theme lead) taking us through the application of Artificial Intelligence and Industry 4.0 on the food industry. Various applications for this in a food manufacturing environment from optimizing process efficiency and yield to traceability / food safety was discussed.

Richard Millar (Digital and Metrology lead) then gave a tour of the facility. This involved complex robotic processes, 3D printed spare parts and full whisky digital twining process.

Rachel Mirfattahi gave a presentation on the next steps of the Digital Dairy chain, a UK Research & Innovation funded project with a budget of £21 million to transform the dairy sector and uplift the rural economy via grant funding in Cumbria and South and West Scotland. This was followed by a presentation to Adan Tamime, retired Editor of the SDT Technical Series of Dairy Technology Books, for the near 60 years support he had given the SDT.

Half the group met for an evening meal and discussed many of the topics covered during the afternoon. An informative and enjoyable time was had by all.

\textit{Chris Hay}

\textit{November 2023}